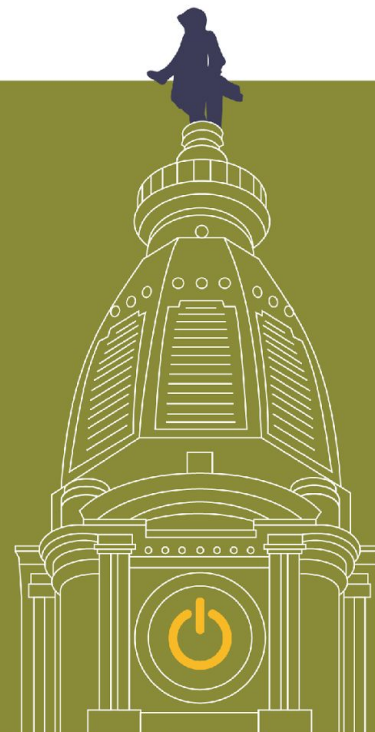




Board Update – Q1 FY25

October 30, 2024

Emily Schapira, *President & CEO*



Organizational Updates

- New Hires
 - Madelyn Koch, Business Engagement & Career Coordinator
 - Jonathan Krigger, Compliance Specialist
 - Kayla Dargan, Operations Manager
 - Savannah Mudd, Solar for All Program Manager (PGCC)
 - Eric Miller, Solar for All Program Coordinator (PGCC)
- Upcoming hiring
 - Sr. Communications Manager
 - Program Manager, Workforce Development
 - Program Coordinator, Permitting & Interconnection, Solar for All
 - Program Manager, Solar for All
 - Solar for All Community Education and Marketing Manager

Policy Updates

- **September DC visit to meet with:**
 - White House Office of Clean Energy Innovation and Implementation
 - U.S. Treasury
 - Dept of Energy
 - Environmental Protection Agency
 - Sen. Casey's office
 - Sen. Fetterman's office
 - Rep. Evans' office (PA-03)
 - Rep. Dean (PA-04)
 - Rep. Scanlon (PA-05)



Inflation Reduction Act

Technical Support on Elective Pay

- Supporting SDP as they file elective pay for EV and EV charger projects by Nov. 15, 2024
- Providing technical assistance to SDP on elective pay as part of Solar for Schools grant application
- PGCC RFP for tax advisor to support future projects

Preparing for Residential Rebate launch in 2025 - \$259MM to PA



Virtual and In-Person
Public Information Sessions
on New Pennsylvania Home
Energy Rebate Programs

Upcoming Event Details:

In-Person Sessions:

PHILADELPHIA:
October 29, 6:00–7:30 p.m.
Lincoln University
3020 Market Street
Room 435 (4th floor)
Philadelphia, PA 19104

Funding Awards Announced & Submitted

- **Awarded**
 - *Renew America's Schools* - School District of Philadelphia received \$300K to plan for a full \$15M application in 2025
 - *William Penn & Green Family Foundations* - \$560K to launch Greater Solarize Philly - Commercial in partnership with PA Solar Center
 - *William Penn & Green Family Foundations* - \$459K for training community lenders working on green lending products; PGCC in partnership with Institute for Market Transformation

Funding Awards Announced & Submitted

- **Submitted**

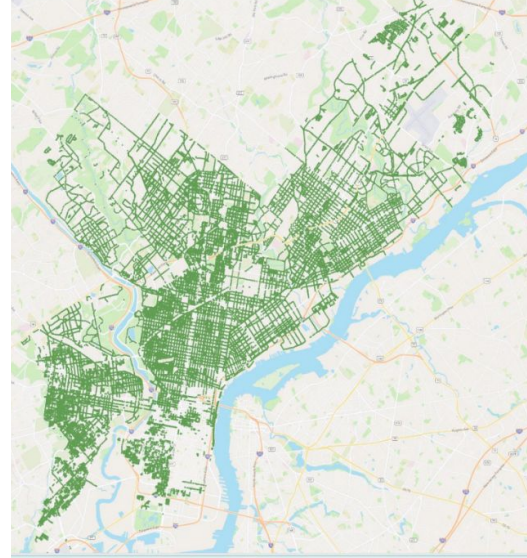
- *Community Change* - \$20MM to support New Kensington Community Development Corporation & efficient, affordable housing in Kensington
- *Bloomberg American Sustainable Cities (BASC)* - \$500K total to match low-income residential rebates, and to provide wraparound services to GRIT graduates
- *Pennsylvania Industry Partnerships* - \$400K in partnership with Chester County Economic Development Council (CCEDC) to convene The Southeastern Pennsylvania Smart Energy Initiative

- **Up Next**

- *PA Solar for Schools* - PEA will support multiple Philadelphia School District applications for solar-ready sites. App opens Nov 1
- *RISE PA* - PEA will apply to RISE PA for eligible portion of PWD RFP scope. App opens Jan 1

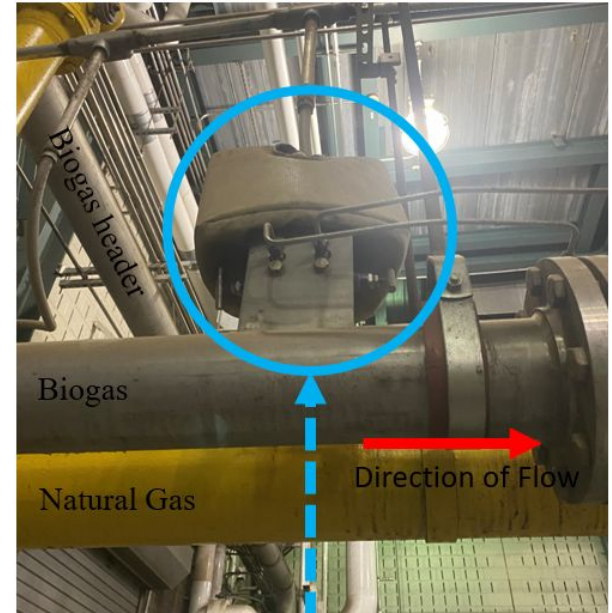
Municipal Energy Projects

- Philadelphia Streetlight Improvement Project
 - Project more than halfway complete! (>70,000 fixtures)!
 - University of Pennsylvania Crime and Justice Policy Lab studying impact of streetlighting on public safety
 - Reductions in gun violence where new LEDs have been installed



Municipal Energy Projects

- PWD Biogas Efficiency RFP
 - Upcoming RFP to launch GESA project that addresses energy inefficiencies at two PWD wastewater treatment plants
 - Applying for State of PA RISE (Reducing Industrial Sector Emissions) grant in Jan. 2025



Municipal Energy Projects

- Quadplex+ GESA RFP
 - Interview process complete; ESCO notification underway
 - Up next: Bringing to City Council for review and approval
- Utility-scale off-site renewables PPA
 - Eight projects (five firms) responded to RFP
 - Up next: Interviews, firm & project selection



Communications Updates

- Now hiring! Senior Communications Manager
 - Responsible for developing and executing PEA's communications and marketing strategies
- PEA recently recognized
 - PA Solar Center's Lodestar Award: recognizing the inspirational leadership of Pennsylvania-based organizations and businesses that have had the vision and foresight to go solar
 - SustainPHL Nomination - Nominated in the #FuturePHL category: "These nominees are building a resilient, climate-adapted region for generations to come."



Built to Last Updates

New Partnership:

- Philadelphia Corporation on Aging (PCA) HUD Older Adult Home Modification Program

New Connections:

- Jewish Family and Children's Service of Greater Philadelphia (JFCS) Hoarding Support Program

New Process:

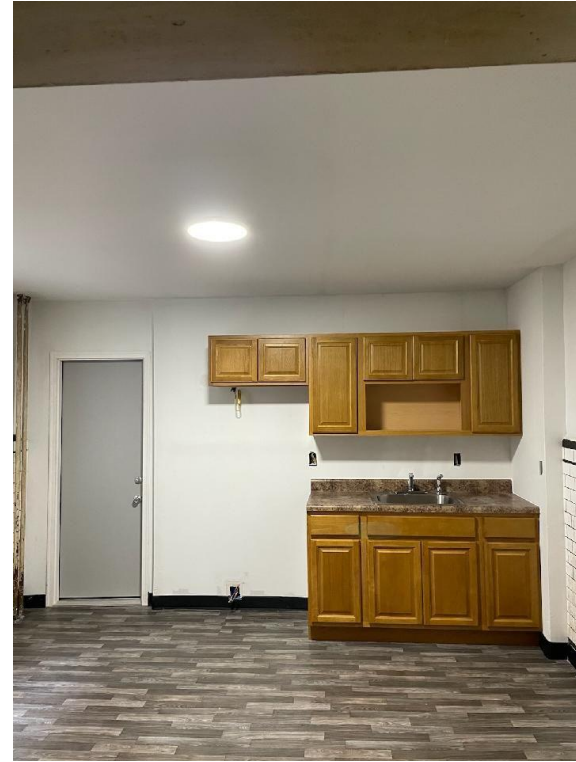
- BTL's waitlist is integrating with the city's One Front Door portal for applications

Built to Last Program Update



Currently
there are
2004
applicants on
BTL's waitlist

Built to Last: Before and After



Phase 7 (2023)



Phase 7 Goals

- **LMI Residential:** 250 homes
- **Market Rate Residential:** 500 homes

Phase 7 Contracts Signed: 1,099

- **LMI Residential:** 570 (50% of all Contracts)
- **Market Rate Residential:** 565



Phase 8 (2024)



Phase 8 Goals

- **LMI Residential:** 2,000 homes
- **Market Rate Residential:** 1,000 homes

Phase 8 Contracts Signed: 713

- **LMI Residential:** 520 (53% of all Contracts)
 - LMI status is now being tracked for all installers
- **Market Rate Residential:** 452



Progress to Date (Residential)



Contracts Signed as
of Today



Contracted Solar
Capacity



\$ Invested in Philly's
Clean Energy
Economy



Households
Signed up



Direct Jobs Created

2017-20

779

3.95 MW

\$13+ million

10,000+

98

2021-23

1,925

10.37 MW

\$36+ million

40,000+

284

2024

972

5.05 MW

\$21+ million

32,000+

166

Total

3,676

19.37 MW

\$70+ million

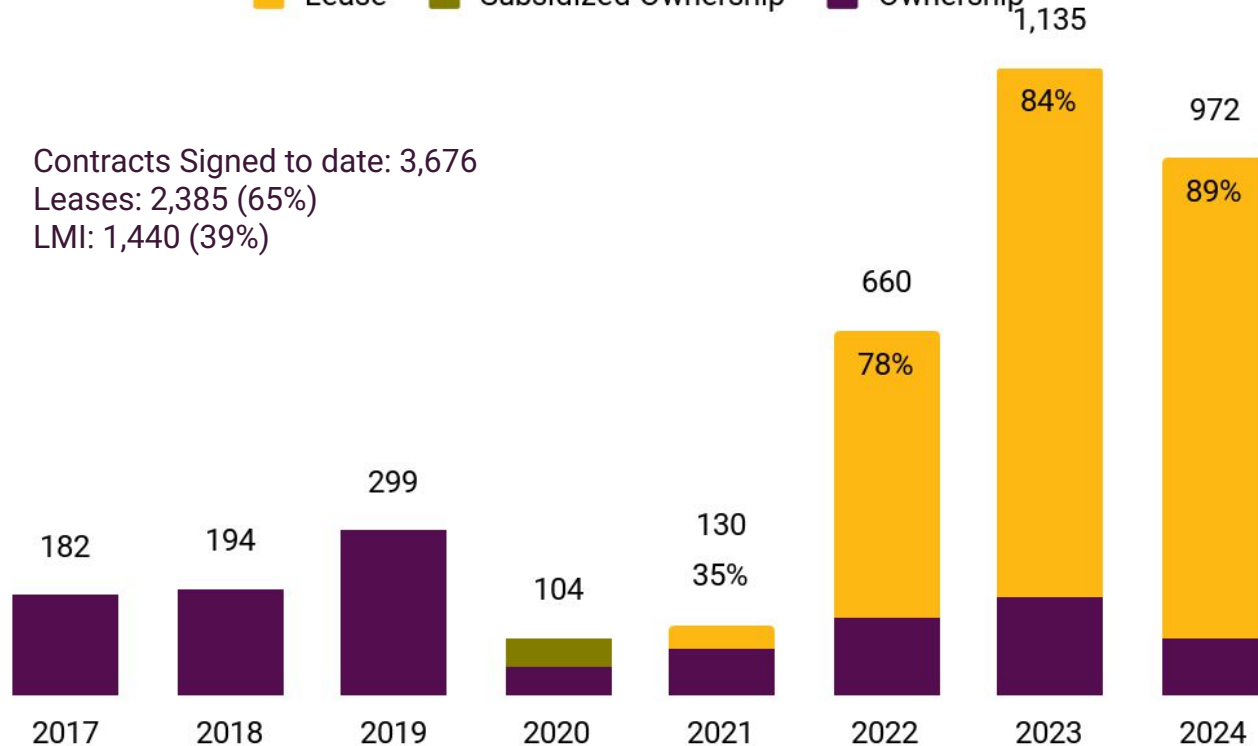
83,000+

548

Solarize Philly Contracts Signed

Lease Subsidized Ownership Ownership 1,135

Contracts Signed to date: 3,676
Leases: 2,385 (65%)
LMI: 1,440 (39%)



New Solar Financing Option

- PGCC partnered with Capital Good Fund to launch a pilot in five-county region for up to 60 low-income households to go solar.
 - Income cap: \$100,000/household
 - Average family to save 20% on energy costs every month, net of payment
 - No upfront payment and strong consumer protections
 - Good Fund as the owner of the installed systems, handles maintenance
- 30+ homes in pipeline



Expanding Solarize

- Solarize Greater Philadelphia launching in 2025
 - **Now:** Setting up and refining systems for data tracking, compliance, and procurement
 - Sets the stage for Solar For All



EPA ANNOUNCES OVER \$156MM SOLAR FOR ALL AWARD TO PENNSYLVANIA

The award will be made to the Pennsylvania Energy Development Authority (PEDA) as the lead applicant of a two-member coalition that includes the Philadelphia Green Capital Corporation (PGCC).

PGCC will manage tens of millions of dollars for Solar For All in Southeastern Pennsylvania to deploy residential solar to thousands of households, bolster workforce development programs, and support PEDA in setting up a program to serve the rest of the Commonwealth.



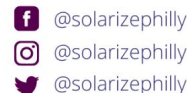
SOLAR WEEK AUGUST 2024

MONDAY 12	TUESDAY 13	WEDNESDAY 14	THURSDAY 15	FRIDAY 16
10-11am <i>Office Hours for RFP: Technical Assistance for Tax Credit Advisory Webinar</i> 2-3pm <i>Kickoff Press Event, with Habitat for Humanity Coltrane Commons</i> 6-7pm <i>Residential Solar 101: Go Solar At Home, hosted with Climate Action PA Webinar</i> <i>For homeowners</i>	12-1pm <i>Expanding Solarize: Powering Progress with Installers Webinar</i> <i>A Stakeholder Session with updates and insights for Solar Installers</i> 6-8pm <i>Green Drinks Philly: Networking Happy Hour, sponsored by Green Investment Strategies</i> <i>Victory Brewing Company</i>	9-10am <i>Schools: Get Ready To Go Solar! Webinar</i> <i>An info session for school communities to learn more about PA's Solar for Schools Act</i> 12-1pm <i>Expanding Solarize: Bright Futures through Consumer Protections and LMI Solar Access Webinar</i> <i>A Stakeholder Session for Consumer Advocacy and Low- and Moderate-Income Support Groups</i>	12-1pm <i>Expanding Solarize: Energizing Careers with Workforce Development in Solar Webinar</i> <i>A Stakeholder Session for Workforce Development Organizations</i>	9:30am-12:30pm <i>PECO Collaborative - Doing Solar Business in Philadelphia: Interconnection and Permitting Updates</i> <i>McCall Field & Golf Course, Upper Darby</i> <i>For Solar Installers</i>

Register for events at
bit.ly/SolarWeekPHL



City Hall, Room 566
215.686.4483
solarize@philaenergy.org









American Water Resources Partnership

- 81K customers in flagship Water and Sewer Line Protection Program
- 29K+ enrolled in new protection products
- \$72MM+ saved in repair costs for consumers
- 70% of claims to date serviced by M/W/DBE contractors
- 4% of all claims had an NOD from PWD
- majority of infrastructure repairs are self-identified
- 4,100/month calls handled, 94% Customer Satisfaction

Frankford High School Updates

- BSF Program at Frankford High School officially comes to an end
- BSF closing ceremony held at City Hall at the end of Summer 2024
- PEA in collaboration with SDP are actively working to get BSF up and running at another school
 - Preliminary approval has been granted to move BSF to A. Philip Randolph Career & Technical High School

BSF Summer Program Highlights

- Weekly industry-relevant field trips
- OSHA-10 Training & Certification attainment
- America Is All in visit & media coverage
- Final Celebration at City Hall



BSF Closing Ceremony

Bright Solar Futures Program (OppY)

Partnership w/ PowerCorpsPHL

Cohort 5:

January 2nd, 2024 - February 23rd, 2024

Cohort 6:

February 26th, 2024 - April 19th, 2024

Cohort 7:

July 15th, 2024 - September 20th, 2024





Green Retrofit Immersive Training (GRIT)

GRIT 2024

- **Cohort 4:** March 11th, 2024-July 15th, 2024
 - Graduated on July, 16th
- **Cohort 5:** June 3rd, 2024 - October 4th
 - Graduated on October 7th
- GRIT 5 Credential obtainment
 - 90% of graduates obtained NCCER
 - 66% of graduates obtained OSHA 10
 - 66% of graduates obtained LEAD RRP
 - 76% of graduates obtained BPI ALCI
 - 66% of graduates obtained OSHA 40 HAZWOPER



Employment Updates

- Request: Connect Workforce Team to employment opportunities
 - Seeking employers and job openings for recent graduates
 - PEA can provide wraparound services to support placements
 - Please contact [Kate Lunger](#) and [Madelyn Koch](#) with leads



Photo Credit: American Power Electrical Supply Co.

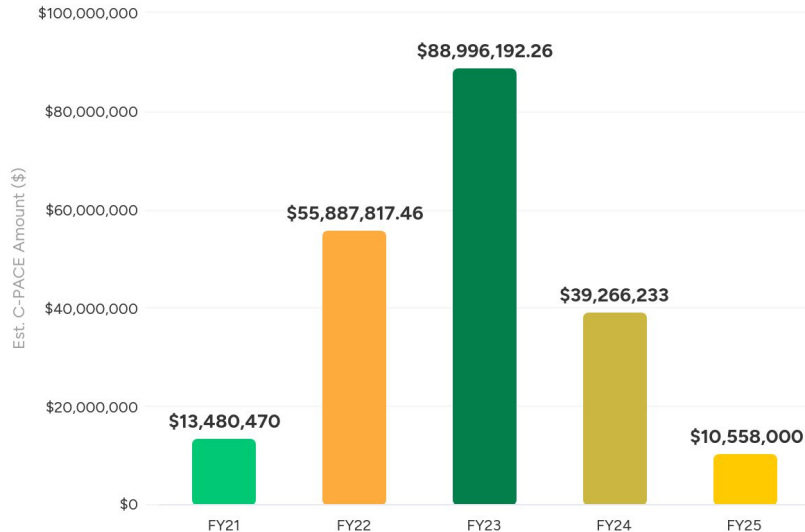
C-PACE Program

- October is 5th anniversary of program launch
- Exceeded \$240MM in total C-PACE financings
- FY25 starting off stronger than last half of FY24: two deals closed and 2-3 others expected to close by year end
 - \$10.6MM for multifamily new construction
 - \$32MM for Rhoads Industries Phase 2
- Continuing to offer free T.A. to encourage small¹⁸ balance C-PACE

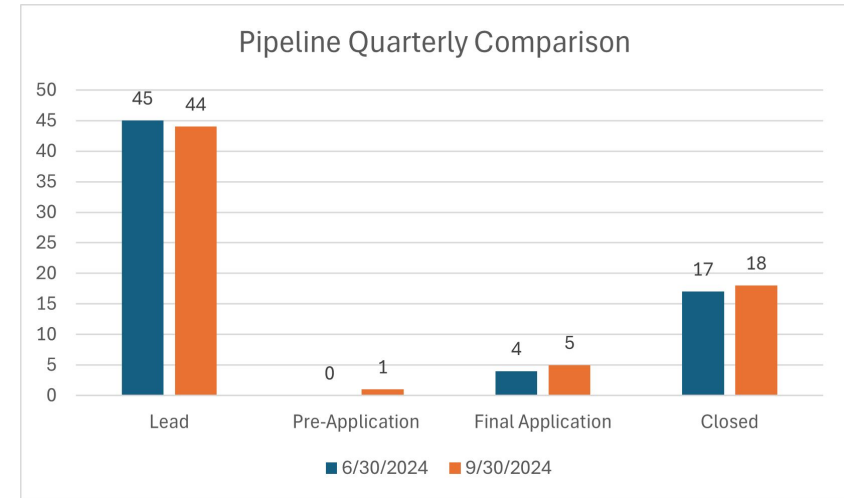


C-PACE by the numbers

Projects Closed by Fiscal Year through 9/30/24



**# Projects in Pipeline by Stage
FY24 Q4 & FY25 Q1**



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